



North Dakota

FARM REPORTER

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DRY EDIBLE BEAN PRODUCTION

North Dakota Dry edible bean production in North Dakota is forecast at 4.75 million hundredweight (cwt) for 2004, down 12 percent from the October 1 forecast and 39 percent below last year. This is the lowest level since 1993 when 2.96 million cwt was produced. The large drop in production is due mainly to a large decrease in acres harvested and reduced yields from a cool, wet growing season and an early killing frost in August.

Total planted acreage, at 560,000 acres, is up from 2003's 540,000 acres. Harvested acreage, at 475,000 acres, is below last year's 520,000 acres harvested. This is the lowest harvested acreage since 2001 when 400,000 acres were harvested from 440,000 acres planted. The statewide average yield for 2004 is 1,000 pounds per harvested acre, down 500 pounds below last year's final and the lowest yield since 1993's average yield of 780 pounds. Pintos account for 75.2 percent of total production, navies 13.7, black turtles 5.3, pinks 1.6, dark red kidneys 1.4 and small reds 1.1.

United States Dry edible bean production is forecast at 18.1 million cwt for 2004, down 3 percent from the October forecast and 19 percent below last year. Harvested acreage is forecast at 1.23 million acres, down 9 percent from 2003. The average U.S. yield is forecast at 1,479 pounds per acre, a decrease of 191 pounds below a year ago.

Season's Greetings

The staff at the North Dakota Agricultural Statistics Service gives a special thanks to all the farmers, ranchers, agri-businesses and county agents who have taken time to supply the information needed for our many surveys in 2004. You have made it possible for us to "provide timely, accurate and useful statistics in service to United States agriculture."

Thank you again and we wish everyone a Merry Christmas and best wishes for the New Year.

David Knopf
David Knopf, Director



Dry Edible Beans, Acreage and Production

Class	Acres Planted		Acres Harvested		Yield per Acre		Production	
	2003	2004	2003	2004	2003	2004	2003	2004
<div> <div>--- 1,000 Acres ---</div> <div>North Dakota</div> <div>-- Pounds --</div> <div>- 1,000 Cwt -</div> </div>								
Navy	75.0	81.0	71.0	67.0	1,640	970	1,164	650
Great Northern	8.0	2.5	7.8	2.3	1,760	1,260	137	29
Pinto	410.0	415.0	397.0	354.0	1,480	1,010	5,864	3,573
Dark Red Kidney	5.0	5.0	4.6	4.7	1,520	1,380	70	65
Pink	8.5	6.8	7.7	6.4	1,690	1,220	130	78
Small Red ^{1/}		4.7		4.4		1,230		54
Black Turtle	22.0	39.0	21.0	31.2	1,320	800	277	250
Chickpeas, All (Garbanzo)	5.0	3.5	4.7	2.9	1,570	1,030	74	30
Small	1.0	1.0	0.9	0.8	1,560	750	14	6
Large	4.0	2.5	3.8	2.1	1,580	1,140	60	24
Other	6.5	2.5	6.2	2.1	1,350	1,000	84	21
Total	540.0	560.0	520.0	475.0	1,500	1,000	7,800	4,750
<div> <div>United States</div> </div>								
Navy	158.2	185.1	150.9	162.5	1,666	1,318	2,514	2,141
Great Northern	109.4	51.1	103.8	46.8	2,135	2,030	2,216	950
Pinto	663.9	651.4	639.2	574.2	1,635	1,399	10,453	8,034
Dark Red Kidney	49.9	51.4	48.4	46.8	1,746	1,451	845	679
Pink	32.8	29.5	31.2	28.5	1,962	1,842	612	525
Small Red	33.2	33.2	32.8	31.9	1,771	1,884	581	601
Black Turtle	84.3	138.4	80.7	127.9	1,565	1,466	1,263	1,875
Chickpeas, All (Garbanzo)	43.5	44.1	41.4	42.7	1,007	1,328	417	567
Small	6.0	5.6	5.6	5.4	1,071	1,185	60	64
Large	37.5	38.5	35.8	37.3	997	1,349	357	503
Other	230.9	175.1	218.5	164.1	1,643	1,673	3,591	2,746
Total	1,406.1	1,359.3	1,346.9	1,225.4	1,670	1,479	22,492	18,118

^{1/} Included in other for 2003.

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POTATO PRODUCTION & STOCKS

North Dakota

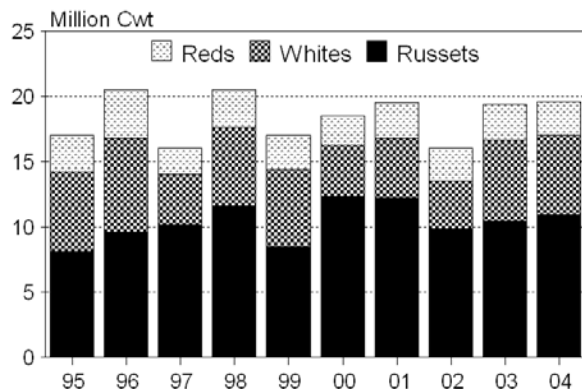
Potato production is estimated at 26.8 million (cwt) for 2004, up 1 percent from last month, but down 2 percent from last year. The decrease in production is a result of fewer planted acres. Planted acreage totals 105,000, down 10 percent from last year. Harvested acreage, at 101,000, is also down 10 percent from last year. The average yield is forecast at 265 cwt per harvested acre, up from 245 cwt per acre last year and a new record high yield.

Stocks of potatoes in storage facilities of North Dakota growers, dealers and processors on December 1, 2004 were estimated at 19.6 million hundredweight (cwt), up 1 percent from last year and 23 percent above 2002. Current stocks represent 73 percent of the production, up from 71 percent in 2003 and 68 percent in 2002. Total stocks are defined as all potatoes on hand, regardless of use, including those that will be lost through future shrinkage and dumping.

United States

Production of fall potatoes for 2004 is forecast at 410 million cwt, up less than 1 percent from last month but virtually unchanged from last year. The 15 major potato States held 272 million cwt of potatoes in storage December 1, 2004, up 1 percent from last year and 3 percent above 2002. Disappearance of 132 million cwt from the start of harvest to December 1, is down 3 percent from last year and 8 percent below two years ago. Processors used 70.7 million cwt of 2004 crop potatoes so far this season, down 2 percent from a year ago and 8 percent below two years ago.

Potato Stocks
North Dakota, December 1, 1995-2004



Fall Potatoes: By Type, North Dakota

Item	Planted	Harvested	Yield	Production	Dec 1 Stocks
--- Acres --- --- Cwt --- --- 1,000 Cwt ---					
2003					
Reds	23,500	21,500	160	3,440	2,715
Whites	45,500	43,500	191	8,305	6,210
Russets	48,000	47,000	334	15,695	10,475
Total	117,000	112,000	245	27,440	19,400
2004					
Reds	23,500	22,000	180	3,960	2,600
Whites	37,500	36,000	215	7,740	6,050
Russets	44,000	43,000	350	15,065	10,950
Total	105,000	101,000	265	26,765	19,600

Fall Potato Stocks: December 1, 2004

State	Percent of Stocks by Type							
	Red		Round Whites		Long Whites		Russet	
	2003	2004	2003	2004	2003	2004	2003	2004
--- Percent ---								
North Dakota	14	13	25	20	7	11	54	56
Colorado	5	5	2	2			93	93
Idaho	1	1			3	5	96	94
Maine	4	3	46	45	2	3	48	49
Michigan	1	1	86	89			13	10
Minnesota	14	9	4	4	1	1	81	86
New York	5	5	90	90			5	5
Oregon	1	1	1	1		1	98	97
Pennsylvania	4	2	96	98				
Washington	1	1	1	1	6	6	92	92
Wisconsin	7	4	29	36			64	60
11 State Total	4	3	12	12	3	4	81	81



Fall Potatoes: Acreage, Production and December 1 Stocks ^{1/}

State	Acres Planted		Acres Harvested		Yield per Harvested Acre		Production		Total Stocks	
	2003	2004	2003	2004	2003	2004	2003	2004	2003	2004
--- 1,000 Acres --- --- Cwt --- --- 1,000 Cwt ---										
North Dakota	117.0	105.0	112.0	101.0	245	265	27,440	26,765	19,400	19,600
California	8.3	7.6	8.3	7.6	425	510	3,528	3,876	2,700	3,200
Colorado	66.3	65.0	65.7	64.3	360	360	23,652	23,148	17,500	17,200
Idaho	360.0	355.0	358.0	353.0	344	374	123,180	131,970	86,000	93,500
Maine	66.0	63.5	65.5	62.0	260	310	17,030	19,220	13,500	15,000
Michigan	46.0	43.0	45.5	42.0	330	325	15,015	13,650	9,200	8,600
Minnesota	60.0	47.0	58.0	44.0	385	430	22,330	18,920	14,000	13,000
Montana	10.7	10.7	10.6	10.6	315	335	3,339	3,551	3,100	3,400
Nebraska	23.5	22.0	23.2	21.8	420	410	9,744	8,938	6,500	5,800
New York	22.2	20.0	21.7	19.2	300	270	6,510	5,184	2,700	2,900
Ohio	4.5	3.7	4.3	3.6	255	300	1,097	1,080	300	200
Oregon	42.8	37.0	42.6	37.0	493	534	20,991	19,775	18,000	17,000
Pennsylvania	13.0	12.0	12.5	11.0	270	230	3,375	2,530	1,900	1,200
Washington	163.0	160.0	162.0	159.0	575	590	93,150	93,810	51,000	50,000
Wisconsin	81.0	75.0	80.0	74.0	410	415	32,800	30,710	22,100	21,000
15 State Total							403,181	403,127	267,900	271,600
United States	1,106.0	1,043.7	1,090.9	1,027.0	376	399	410,588	409,823		

^{1/} Stocks include processor holdings and most of the seed to plant following year's crop. Seed usage for all seasons in 2004 totaled 26.4 cwt.

LATE SEASON CUSTOM RATES

North Dakota

The custom rates information was selected from *Part II* of the *Custom Rates* release published in December 2004. A complete report may be obtained by contacting USDA's North Dakota Agricultural Statistics Service at 1-800-626-3134 or on our website at <http://www.nass.usda.gov/nd/custom>. This report is the result of a survey conducted during October of farmers and ranchers, elevators, custom harvesters and other custom operators. The survey was designed to provide state and regional averages for custom work rates.

Appreciation is expressed to all survey participants who provided the data for this report and also to North Dakota State University Extension Service personnel for their assistance on this project. Funding was provided by the

North Dakota State University Experiment Station and Extension Service.

This report contains state and regional level custom work rates for harvesting, drying and hauling crops, seed preparation, hauling hay and livestock, and other custom work for fall operations.

Listed are state level custom work rates for swathing, combining, corn silage harvest, drying, hauling, seed grain preparation, farm drainage and ditching, land leveling, rock picking and other custom work. The rates reported are averages, not estimates. They include charges for equipment, power, fuel, and the operator. Exchange work is not considered custom work for this survey.

1982 - 2004 Statewide Averages, Historical Data

Operation	Unit	1982	1984	1986	1989	1992	1995	1998	2001	2004
----- Dollars Per Unit -----										
Swathing Grain										
Self Propelled	Acre	3.55	3.73	3.67	3.94	4.22	4.46	5.04	5.47	6.21
PTO Unit	Acre	3.16	3.36	3.39	3.68	4.03	4.23	4.58	5.23	5.75
Combining From Swaths										
Small Grains & Flaxseed ^{1/}	Acre	12.65	12.61	11.59	11.82	13.13	13.70	13.82	14.72	16.12
Dry Beans	Acre	15.91	15.04	14.65	16.27	18.20	18.18	19.06	19.06	21.02
Straight Combining										
Small grains & Flaxseed ^{1/}	Acre	12.76	12.57	11.71	11.80	13.15	13.74	13.88	15.03	16.27
Corn	Acre	15.10	14.83	14.46	14.05	15.23	16.33	16.26	17.33	18.43
Sunflower	Acre	13.52	13.26	12.54	12.40	13.54	14.14	14.49	15.29	16.31
Soybeans	Acre	14.46	14.68	14.08	14.20	15.70	15.57	16.10	16.72	18.22
Dry Beans	Acre	16.12	15.31	15.46	16.46	18.39	17.96	19.10	18.29	19.64
Making Corn Silage										
Chopping Only	Acre	15.76	16.41	16.06	16.83	17.65	18.51	18.69	20.78	26.75
Chopping and Hauling	Acre	18.42	21.22	19.54	20.02	21.65	22.62	23.62	26.26	37.55
Drying										
Small Grains	Bushel	0.151	0.152	0.131	0.118	0.108	0.111	0.123	0.113	0.145
Flaxseed	Bushel	0.172	0.172	0.153	0.124	0.110	0.134	0.134	0.109	0.168
Corn	Bushel	0.181	0.176	0.164	0.126	0.115	0.123	0.146	0.132	0.179
Sunflower	Cwt	0.286	0.309	0.204	0.200	0.157	0.152	0.171	0.165	0.168
Soybeans	Bushel	NA	NA	NA	NA	0.093	0.085	0.115	0.125	0.147
Hauling										
Wheat	Bushel	0.107	0.095	0.096	0.092	0.090	0.098	0.109	0.116	0.123
Barley	Bushel	0.101	0.091	0.093	0.089	0.088	0.094	0.101	0.117	0.119
Oats	Bushel	0.098	0.089	0.087	0.088	0.087	0.094	0.100	0.107	0.107
Flaxseed	Bushel	0.110	0.096	0.088	0.094	0.091	0.097	0.124	0.107	0.139
Corn	Bushel	0.107	0.091	0.086	0.085	0.087	0.097	0.101	0.114	0.110
Sunflower	Cwt	0.170	0.165	0.168	0.202	0.196	0.189	0.339	0.378	0.413
Seed Grain Preparation										
Cleaning Only	Gross	0.254	0.275	0.277	0.291	0.299	0.321	0.340	0.361	0.380
Treating Only	Gross	0.318	0.404	0.393	0.437	0.504	0.552	0.519	0.514	0.543
Cleaning & Treating	Gross	0.542	0.678	0.643	0.718	0.784	0.800	0.726	0.846	0.915
Farm Drainage/Ditching	Hour	50.54	56.80	54.48	50.34	58.66	63.49	76.25	84.80	86.03
Land Leveling	Hour	51.55	55.21	51.17	48.03	58.31	60.61	63.26	64.31	72.21
Rock Picking	Hour	37.02	35.69	35.34	37.55	40.20	39.26	52.29	42.72	42.99

^{1/} Averages for years 1980-1998 do not include flaxseed. NA = Not Available.

LATE SEASON CUSTOM RATES (Continued)

2004 North Dakota Statewide Averages, Other Custom Work							
Operation	2004					2001 Average Rate	2004 as Percent of 2001
	Unit	Number of Reports	Range in Rates	Most Frequent Rate Reported	Average Rate		
----- Dollars Per Unit -----							
Custom Farming ^{1/}							Percent
Small Grains	Acre	69	9.00-100.00	40.00	40.17	40.73	99
Row Crops	Acre	40	10.00-120.00	50.00	49.26	54.55	90
Machine Rental							
Tractor							
Under 100 Horsepower	Hour ^{2/}	123	9.00-100.00	20.00	27.63	22.22	124
100 - 200 Horsepower	Hour ^{2/}	168	7.00-150.00	20.00	38.88	30.11	129
Over 200 Horsepower	Hour ^{2/}	133	12.50-200.00	40.00	55.56	43.82	127
Grain Cart Rental	Acre	12	1.00-5.00	1.00	2.10	3.29	64
	Hour	9	6.25-30.00	10.00	13.25	22.89	58
Miscellaneous							
Mowing/Clipping CRP	Acre	201	1.00-15.00	5.00	6.48	6.22	104
	Hour	25	8.00-100.00	25.00	51.28	22.25	230
On Farm Grain Bin Storage	Cents/Bu/Month	329	0.01-0.15	0.02	0.03	NA	NA
Machine Shed Rental	Cents/Sq Ft/Month	54	0.01-1.50	0.01	0.13	NA	NA
Farm Drainage/Ditching	Hour	49	3.00-200.00	100.00	86.03	84.80	101
Land Leveling	Hour	24	8.00-200.00	60.00	72.21	64.31	112
Rock Picking	Hour	56	2.00-100.00	50.00	42.99	42.72	101
Snow Removal							
Front End Loader	Hour	203	6.00-100.00	50.00	50.87	48.84	104
Tractor Blower	Hour	203	10.00-120.00	50.00	47.39	43.50	109

1/ Includes all necessary farming operations from field preparation through harvesting. 2/ Rates for machine rentals are in tachometer hours.
NA=Not Available.

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